Ergonomics Principle



Make objects easier to view using video systems

Reduces awkward posture-neck bent



The seated surgeon operates via robotic arm while viewing a 3-D video image of the surgical field



A video microscope or camera for inspection of small parts or circuit boards projects the image on to a screen



Other benefits:

- Working with the neck in a neutral position helps reduce neck discomfort and muscle fatigue.
- By magnifying and projecting images of inspection pieces or surgical fields to a different location, you can see the work more clearly. This may improve accuracy.